

Title (en)

VIDEO PLAYING METHOD, APPARATUS AND SYSTEM, AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)

VIDEOABSPIELVERFAHREN, -VORRICHTUNG UND -SYSTEM SOWIE COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)

PROCÉDÉ, APPAREIL ET SYSTÈME DE LECTURE DE VIDÉO, ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR

Publication

EP 4319168 A4 20240717 (EN)

Application

EP 21937755 A 20211227

Priority

- CN 202110435658 A 20210422
- CN 2021141641 W 20211227

Abstract (en)

[origin: EP4319168A1] A video playback method, apparatus, and system, and a computer-readable storage medium are disclosed, and belong to the field of video processing technologies. After receiving a playback request sent by a terminal, an upper-layer device sends a video segment corresponding to a target viewpoint for which playing is requested by the terminal and rotation video data corresponding to the target viewpoint to the terminal. When receiving a rotation instruction, the terminal may implement surround playback of a video image based on the pre-obtained rotation video data, and therefore a surround playback delay is low. In addition, resolution of the video image played by the terminal may be the same as resolution of a video picture in the video segment or a video picture in the rotation video data. Therefore, the video playback method is not limited to a quantity of cameras used for front-end shooting, and has a wide application range.

IPC 8 full level

H04N 21/239 (2011.01); **G06F 3/04845** (2022.01); **G06T 15/20** (2011.01); **H04N 9/82** (2006.01); **H04N 13/111** (2018.01); **H04N 13/282** (2018.01); **H04N 21/6587** (2011.01); **H04N 23/90** (2023.01)

CPC (source: CN EP)

G06F 1/1694 (2013.01 - EP); **G06F 3/04815** (2013.01 - EP); **G06F 3/0484** (2013.01 - EP); **G06F 3/0487** (2013.01 - EP); **G06T 15/20** (2013.01 - EP); **G06T 19/003** (2013.01 - EP); **H04N 21/21805** (2013.01 - CN EP); **H04N 21/2393** (2013.01 - CN); **H04N 21/266** (2013.01 - CN); **H04N 21/437** (2013.01 - CN); **H04N 21/462** (2013.01 - CN); **H04N 21/4728** (2013.01 - EP); **H04N 21/6587** (2013.01 - EP); **H04N 21/816** (2013.01 - EP); **H04N 23/90** (2023.01 - EP); **H04N 9/8227** (2013.01 - EP); **H04N 21/2387** (2013.01 - EP); **H04N 21/2393** (2013.01 - EP); **H04N 21/8456** (2013.01 - EP)

Citation (search report)

- [XY] US 2017026667 A1 20170126 - PASKO STANISLAW [PL]
- [A] EP 3621309 A1 20200311 - 4DREPLAY KOREA INC [KR]
- [Y] WO 2013038679 A1 20130321 - PANASONIC CORP [JP], et al
- [A] JP 2015103872 A 20150604 - CANON KK
- See also references of WO 2022222533A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4319168 A1 20240207; **EP 4319168 A4 20240717**; CN 115243076 A 20221025; WO 2022222533 A1 20221027

DOCDB simple family (application)

EP 21937755 A 20211227; CN 202110435658 A 20210422; CN 2021141641 W 20211227